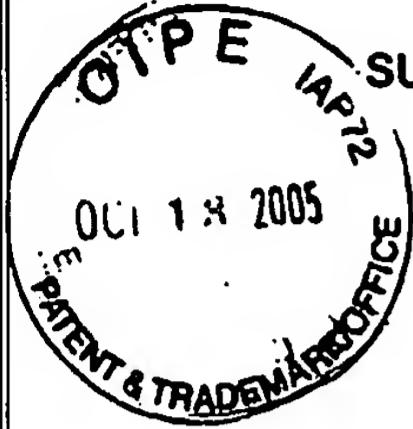


FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 02-742-E (400/130)	Serial No. 10/664,668
 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			
Applicant: McSwiggen et al.			
Filing Date: September 18, 2003		Group: 1635	

U.S. PATENT APPLICATION DOCUMENTS

Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
/TCG/	*	US 2003/0190635	10/2003	McSwiggen et al.			
/TCG/	*	US 2003/0206887	11/2003	Morrissey et al.			

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
/TCG/	*	6,346,398	02/12/02	Pavco et al.			

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
/TCG/	1.	1325955	07/09/03	EP (Klippen-Giese et al.)				
/TCG/	2.	08208687	08/1996	JP (Hotoda et al.)	ONLY ABSTRACT	CONSIDERED!		
/TCG/	3.	94/11499	05/26/94	WO (Ullrich et al.)				

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/TCG/	4.	94/21791	09/29/94	WO (Bergmann et al.)				
	5.	95/04142	02/09/95	WO (Robinson)				
	6.	95/13380	05/18/95	WO (Draper et al.)				
	7.	97/00957	01/09/97	WO (Patterson-Winston et al.)				
	8.	97/21808	06/19/97	WO (Robinson)				
	9.	99/04819	02/04/99	WO (Klimuk et al.)				
	10.	99/55857	11/04/99	Wo (Beigelman et al.)				
	36.	00/21560	04/20/00	WO (Alitalo et al.)				
	11.	01/097850	12/27/01	WO (Siemeister et al.)				
	12.	02/07747	01/31/02	WO (King)				
	13.	02/10378	02/07/02	WO (Cowpert et al.)				
	14.	02/096927	12/05/02	WO (Escobedo et al.)				
	15.	03/068797	08/21/03	WO (Rossi et al.)				
	16.	03/070887	08/28/03	WO (McSwiggen et al.)				
	17.	03/070896	08/28/03	WO (McSwiggen et al.)				
	18.	03/070910	08/28/03	WO (McSwiggen et al.)				
▼	19.	03/074654	09/12/03	WO (McSwiggen et al.)				
	20.	03/080638	10/02/03	WO (Lacasse et al.)				
/TCG/	21.	04/009769	01/29/04	WO (Tolentino et al.)				

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/TCG/	22.	04/043977	05/27/04	WO (Prakush et al.)				
/TCG/	23.	04/072261	08/26/04	WO (Li et al.)				

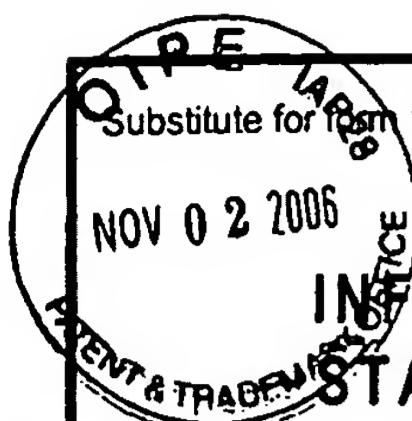
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/TCG/	24.	Anderson et al., "Bispecific Short Hairpin siRNA Constructs Targeted to CD4, CXCR4, and CCR5 Confer HIV-1 Resistance," <i>Oligonucleotides</i> , 13:303-312 (2003)
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	28.	International Search Report for PCT/US2004/027403 mailed July 12, 2005
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	31.	Kuwabara et al., "A <i>C. elegans</i> patched gene, ptc-1, functions in germ-line cytokinesis," <i>Genes and Development</i> , 14(15):1933-1944 (2000)
	32.	Lu et al., "Tumor Inhibition By RNAi-Mediated VEGF an VEGFR2 Down Regulation in Xenograft Models;" <i>Cancer Gene Therapy</i> , 10, Suppl. 1, S4-S5 (2003)
	33.	Parry et al. 1999. "Bioactivity of anti-angiogenic ribozymes targeting <i>Flt-1</i> and <i>KDR</i> mRNA," <i>Nucleic Acid Res.</i> 27:2569-77
▼	34.	Shibuya et al., "Nucleotide sequence and expression of a novel human receptor-type tyrosine kinase gene (<i>flt</i>) closely related to the <i>fms</i> family," <i>Oncogene</i> 5:519-524 (1990)
/TCG/	35.	Hasan et al., "VEGF antagonists," <i>Oncologic, Metabolic & Endocrine</i> , 703-718 (2001)

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STATEMENT BY APPLICANT
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Sheet 1 of 2 Attorney Docket Number 02-742-E (400/130)

Complete if Known

Application No.	10/664,668
Filing Date:	September 18, 2003
First Named Inventor	McSwiggen et al.
Art Unit	1635
Examiner Name	unassigned TC Gibbs

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/TCG/	A	US-5,587,471	12-1996	Cook et al.	
	B	US-5,916,763	06-1999	Wiliams et al.	
	C	US-6,710,174	03-23-2004	Bennett et al.	
	D	US-2003/0186920	10-2003	Sirois, Martin G.	
	E	US-2003/0216335	11-2003	Lockridge et al.	
↓	F	US-2004/0018176	01-2004	Tolentino et al.	
/TCG/	G	US-2004/0209832	10-2004	McSwiggen et al.	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/TCG/	1	Caplen, Nathan, "RNAi as a gene therapy approach," <i>Expert Opin. Biol. Ther.</i> 3(4):575-586 (2003)	
	2	Hammond, et al., "Post-transcriptional Gene Silencing by Double-Stranded RNA," <i>Nature Reviews</i> , 2:110-119 (2001)	
	3	Mahato et al., "Modulation of gene expression by antisense and antogene oligodeoxynucleotides and small interfering RNA," <i>Expert Opin. Drug Deliv.</i> , 2(1):3-28 (2005)	
↓	4	Scherer et al., "Approaches for the sequence-specific knockdown of mRNA," <i>Nature Biotechnology</i> , 21:12, 1457-1465 (2003)	
/TCG/	5	Schmidt et al., "Base and sugar requirements for RNA cleavage of essential nucleoside residues in internal loop B of the hairpin ribozyme: implications for secondary structure," <i>Nucleic Acids Research</i> 24:573-581 (1996)	

Examiner Signature	/Terra Cotta Gibbs/	Date Considered	12/13/2007
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				Filing Date:	September 18, 2003
				First Named Inventor	McSwiggen et al.
				Art Unit	1635
				Examiner Name	unassigned TC Gibbs
Sheet	2	of	2	Attorney Docket Number	02-742-E (400/130)

/TCG/	6	Vickers et al., "Efficient Reduction of Target RNAs by Small Interfering RNA and RNase H-dependent Antisense Agents," <i>The Journal of Biological Chemistry</i> , 278:9, 7108-7118 (2003)	
/TCG/	7	Zhang et al., "Targeted Gene Silencing by Small Interfering RNA-based Knock-Down Technology," <i>Current Pharmaceutical Biotechnology</i> , 5, 1-7 (2004)	

Examiner Signature	/Terra Cotta Gibbs/	Date Considered	12/13/2007
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		Applicant: McSwiggen et al.		
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U.S. PATENT APPLICATION DOCUMENTS

Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
/TCG/	*	US 2002/0086356	03/30/01	Tuschl et al.			07/04/02
	*	US 2002/0151693	02/08/01	Breaker et al.			10/17/02
	*	US 2003/0059944	09/13/02	Lois-Caballe et al.			03/27/03
	*	US-2003/0064945	07/25/01	Akhtar et al.			04/03/03
	*	US 2003/0143732	08/30/02	Fosnaugh et al.			07/31/03
	*	US 2004/0019001	07/26/02	McSwiggen et al.			01/29/04
	*	US 2004/0161844	11/04/03	Baker et al.			08/19/04
	*	US 2005/0020521	09/25/03	Rana, Tariq M.			01/27/05
	*	US 2005/0171039	05/11/04	McSwiggen et al.			08/04/05
V	*	US 2005/0182005	05/13/04	Tuschl et al.			02/18/05
/TCG/	*	US 2005/0227256	11/26/04	Hutvagner et al.			10/13/05

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
/TCG/	*	5,587,471	12/24/96	Cook et al.			
/TCG/	*	5,998,148	12/07/99	Bennett et al.			

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/TCG/	*	5,998,206	12/07/99	Cowser			
	*	6,060,456	05/09/00	Arnold et al.			
	*	6,214,805	04/10/01	Torrence et al.			
	*	6,346,398	02/12/02	Pavco et al.			
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	*	6,824,972	11/30/04	Kenrick et al.			
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/TCG/	*	7,078,196	07/18/06	Tuschl et al.			

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							Yes	No
/TCG/	1.	1389637	08/05/02	EP (Klipper et al.)				
/TCG/	2.	03/044188	05/30/03	WO (Tei et al.)	ONLY ABSTRACT	CONSIDERED		
/TCG/	3.	04/029212	04/08/04	WO (Rana, Tariq M.)				
/TCG/	4.	04/090105	10/21/04	WO (Leake et al.)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

/TCG/	5.	Alexeev et al., "Localized in vivo genotypic and phentypic correction of the albino mutation in skin by RNA-DNA oligonucleotide," <i>Nature Biotechnology</i> , 18:43-47 (2000)
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/TCG/	6.	Bellon et al., "4-Thio-oligo-β-D-ribonucleotides: synthesis of β-4'-thio-oligouridylates, nuclease resistance, base pairing properties, and interaction with HIV-1 reverse transcriptase," <i>Nucleic Acids Research</i> , 21(7):1587-1593 (1993)
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	10.	Claverie, Jean-Michel, "Fewer Genes, More Noncoding RNA," <i>Science</i> , 309, 1529-1530 (2005)
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/TCG/	19.	Monia et al., "Evaluation of 2'-Modified Oligonucleotides Containing 2'-Deoxy Gaps as Antisense Inhibitors of Gene Expression," <u>J. Biol. Chem.</u> 268:14514-14522 (1993)
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↓	25.	Thomson et al., "Activity of hammerhead ribozymes containing non-nucleotidic linkers," <u>Nucleic Acids Research</u> 21:5600-5603 (1993)
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